

Table 1

List of proteins capable to modulate CRH signalling							
				SEQ ID No.			
				NA	AA	title	AC nr
	transcription factors	gene symbol					
		NFIL3		1	2	nuclear factor, interleukin 3, regulated	U83148
		Pse		3	4	prostate specific ets transcription factor	AB019436
		Per		5	6	period homolog (Drosophila)	AF022992
		Atf3		7	8	activating transcription factor 3	U19118
	kinases						
		Fgfr2		9	10	fibroblast growth factor receptor 2	M23362
		Syk		11	12	serum/glucocorticoid regulated kinase	NM_011361
		Pim3		13	14	serine/threonine kinase pim3	BC017621
		Fyn		15	16	Fyn proto-oncogene	M27266
		Shc		17	18	serum inducible kinase	NM_152804
	secreted peptides						
		Cck		19	20	Ondecyristin	NM_031161
		Adm		21	22	adrenomedullin	U77630
		Ct		23	24	calcitonin	X97991
	cAMP signalling						
		Pde4b		25	26	phosphodiesterase 4B; cAMP specific	NM_019840
		Rgs2		27	28	regulator of G-protein signaling 2	U67187
		Crem		29	30	cAMP responsive element modulator	M60285
	inositol signalling						
		IP3R1		31	32	inositol 1,4,5-trisphosphate receptor 1	X15373
		Plk3r1		33	34	phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha)	U50413
	phosphatases						
		Ptpn		35	36	protein tyrosine phosphatase, receptor-type, N	U11812
		Ptpn16		37	38	protein tyrosine phosphatase, non-receptor type 16	X61940
	receptor and channel regulators						
		GemKir		39	40	Ras related GTP binding protein	U10551
		Ramp3		41	42	receptor (calcitonin) activity modifying protein 3	AU250491
	proteases						
		Usp2		43	44	ubiquitin specific protease 2	NM_016808
	unknowns						
				45	46	RKEN cDNA 1300002F13 gene	NM_133753
				47	48	Mus musculus, Similar to Tyrosine aminotransferase, clone MGC-37790 IMAGE:5097591	AI255353
				49	49	tumor necrosis factor, alpha-induced protein 3	NM_009397

Table 2

β-actin forward	5'-CATCTTGGCCTCACTGTCCAC-3'
β-actin probe	5'-TGCTTGCTGATCCACATCTGCTGGA-3'
β-actin reverse	5'-GGGCCGGACTCATCGTACT-3'
c-fos forward	5'-GGGAGGACCTTACCTGTTTCGT-3'
c-fos probe	5'-CACCAGGCTGTGGGCCTCAAGG-3'
c-fos reverse	5'-CCAGATGTGGATGCTTGCAA-3'
CRF ₂ forward	5'-GGGAGAACAGAAGCGCCTG-3'
CRF ₂ probe	5'-AGAAGGGTGAGGATCCCCCAAATCAGAGT-3'
CRF ₂ reverse	5'-CCCTTGTTTCAATCACTCCCA-3'
CRF ₁ forward	5'-TTTCTGAACAGTGAGGTCCGC-3'
CRF ₁ probe	5'-CCGGAAGAGGTGGCGGCGA-3'
CRF ₁ reverse	5'-GGGCTCTGATGGAGTGCTTG-3'
Rgs2 forward	5'-TTGGAAGACCCGTTTGAGCTA-3'
Rgs2 probe	5'-TCTTGACAGAAATTCCTCTGCTCCTGGG-3'
Rgs2 reverse	5'-TTTCTTGCCAGTTTTGGGCT-3'
Fgfr2 forward	5'-AGACTTCCATGGGAATGATAGCA-3'
Fgfr2 probe	5'-CCTCTCGTCCGGCAGCTGGC-3'
Fgfr2 reverse	5'-AATGTGTAAGCCGGGCAGAA-3'
Mig-6 forward	5'-AATCCTTTGTCCAATACTGTACACACA-3'
Mig-6 probe	5'-GAAAAATGCACTGATCTCCGCA-3'
Mig-6 reverse	5'-GTATGAAGTAAATGAAGGTTAAACATGCT-3'
Pi3k forward	5'-CCATGGTGCTTGTAAACGCTTT-3'
Pi3k probe	5'-CCCAACTTGATAGCTGGTAAAGCTTCA-3'
Pi3k reverse	5'-CCTGTCTACCTTCTGGTCTCCAA-3'
CreM forward	5'-CTTGCTGATCGTCTGGAGAGTTT-3'
CreM probe	5'-TGCTGATGACCCCTCCATTGTGA-3'
CreM reverse	5'-TTAACATTCTGAGGTTGCAAGAA-3'
Pde4b forward	5'-GCCGTGTGTATGGCTGCAT-3'
Pde4b probe	5'-CAGCCCCCAGGCCACTGTGG-3'
Pde4b reverse	5'-AGGAGGGATAACAGGTGCTGTGT-3'
CCK forward	5'-CCTGGACCCAGCCATAGA-3'
CCK probe	5'-AGCCCATGTAGTCCCGGTCACTTA-3'
CCK reverse	5'-TGCGCCGGCCAAAA-3'
CT forward	5'-GCTTGGACAGCCCCAGATC-3'
CT probe	5'-GGTACTCAGATTCCACACCGCTT-3'
CT reverse	5'-TGTGTGTACGTGCCAGCAT-3'
Nfil-3 forward	5'-GCGAGTTTGAAGGCATGCA-3'
Nfil-3 probe	5'-CTCTCTTCAACCGCCGATGCGAT-3'
Nfil-3 reverse	5'-CCATGTTTCTCCAGGTCAAAATG-3'
Ramp-3 forward	5'-TGGCAGACTCGGCTTCTGT-3'
Ramp-3 probe	5'-TTTGCTTTGGCCACACCCTACCTGG-3'
Ramp-3 reverse	5'-CTGGTCGGGAGGACTTTGG-3'
SGK forward	5'-TGGACCAATGCCCCAGTT-3'
SGK probe	5'-TCAGTCAAAGCCGTTGGTGTTCATTG-3'
SGK reverse	5'-GCCCCGTTTATAGGTGACATTTAA-3'

Fig. 1

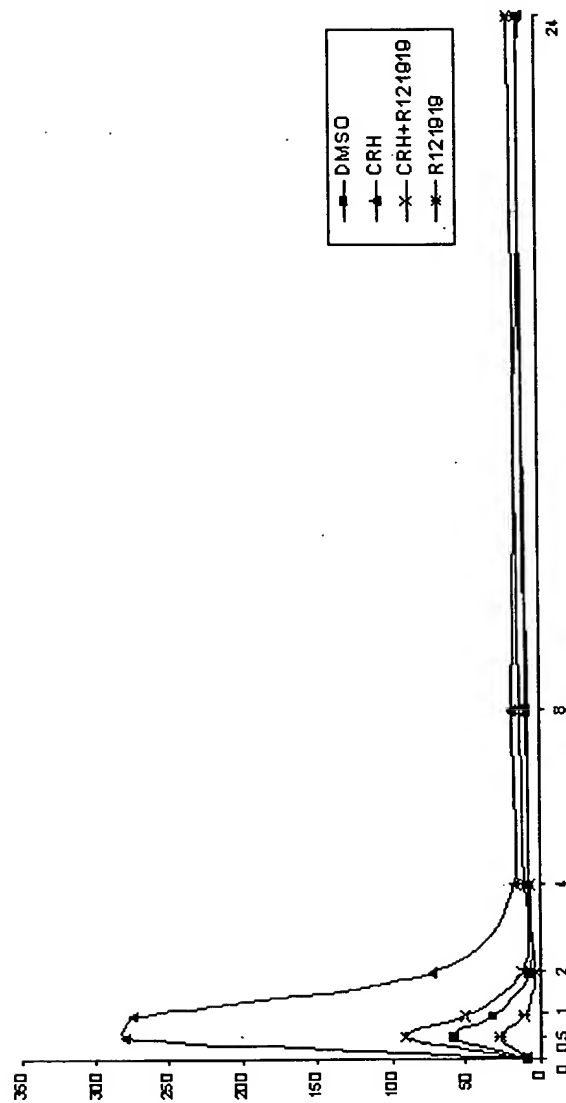


Fig. 2

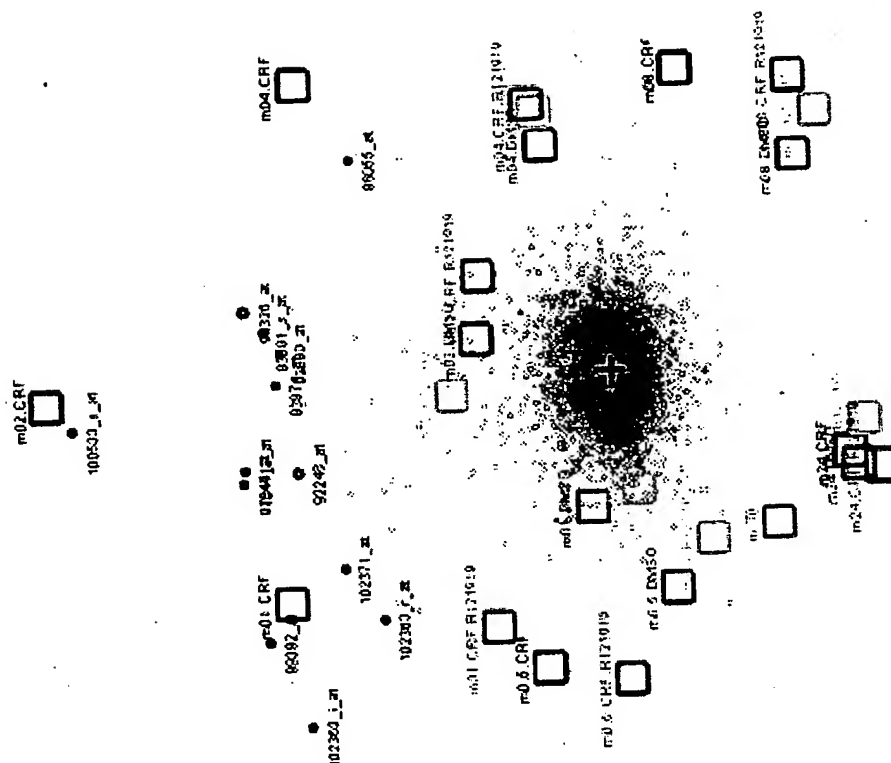


Fig.3

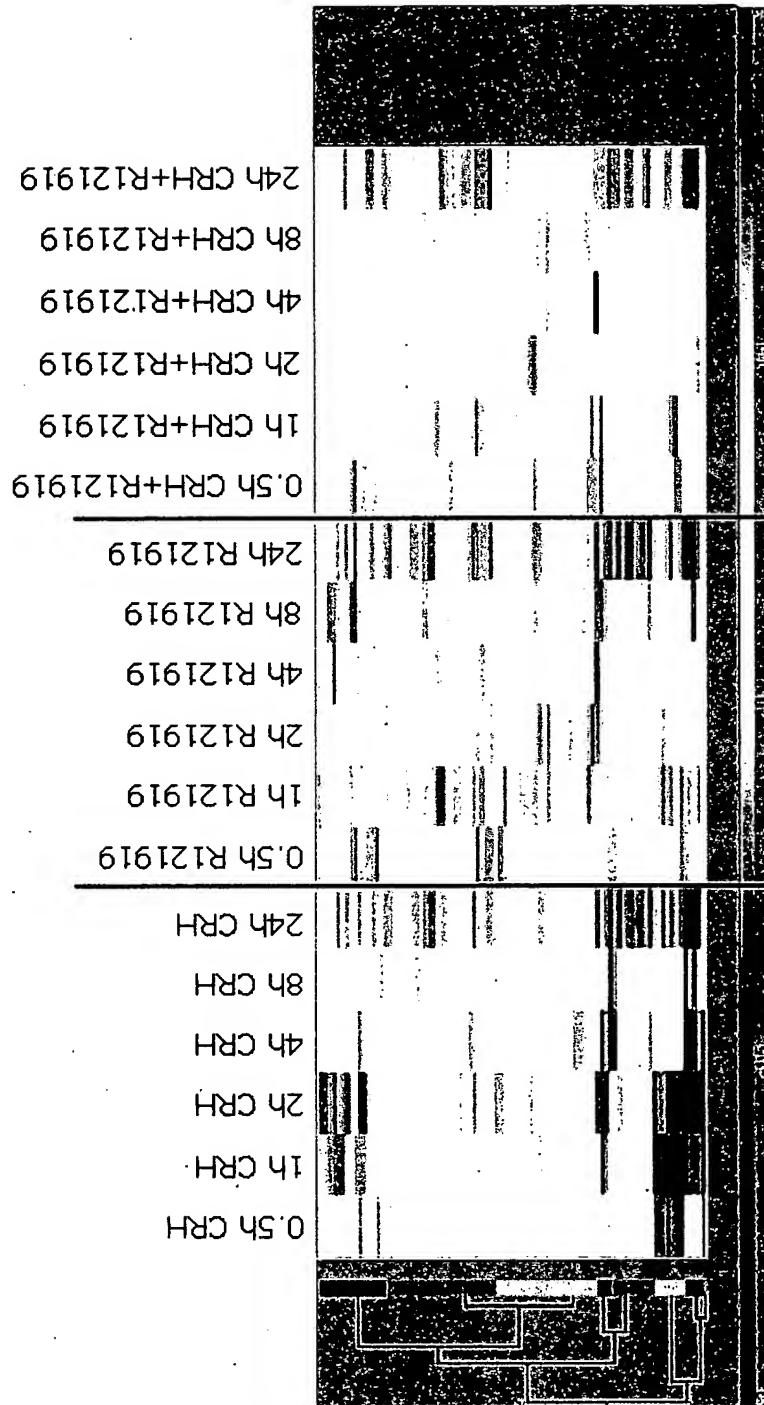


Fig. 4

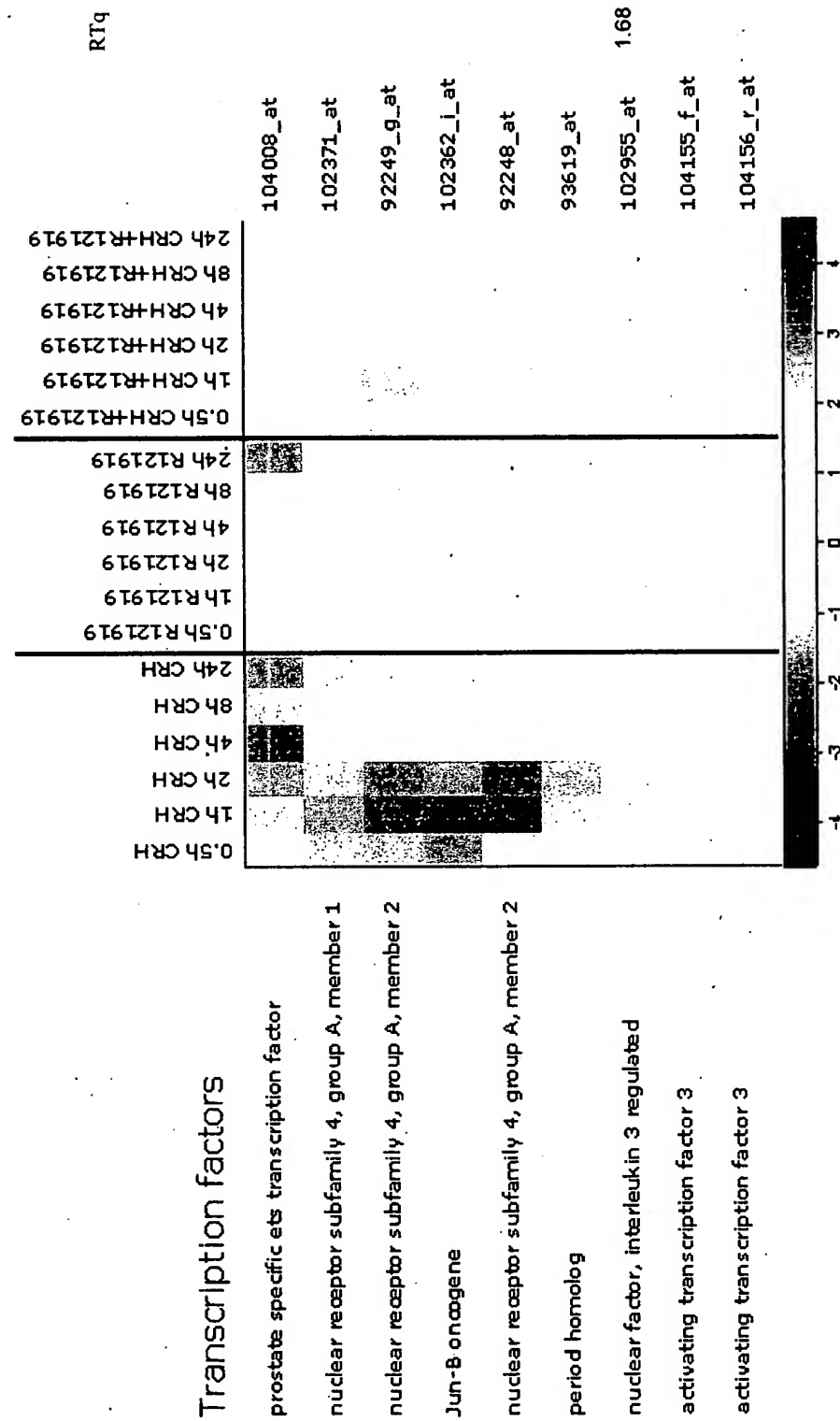


Fig. 4 - continued

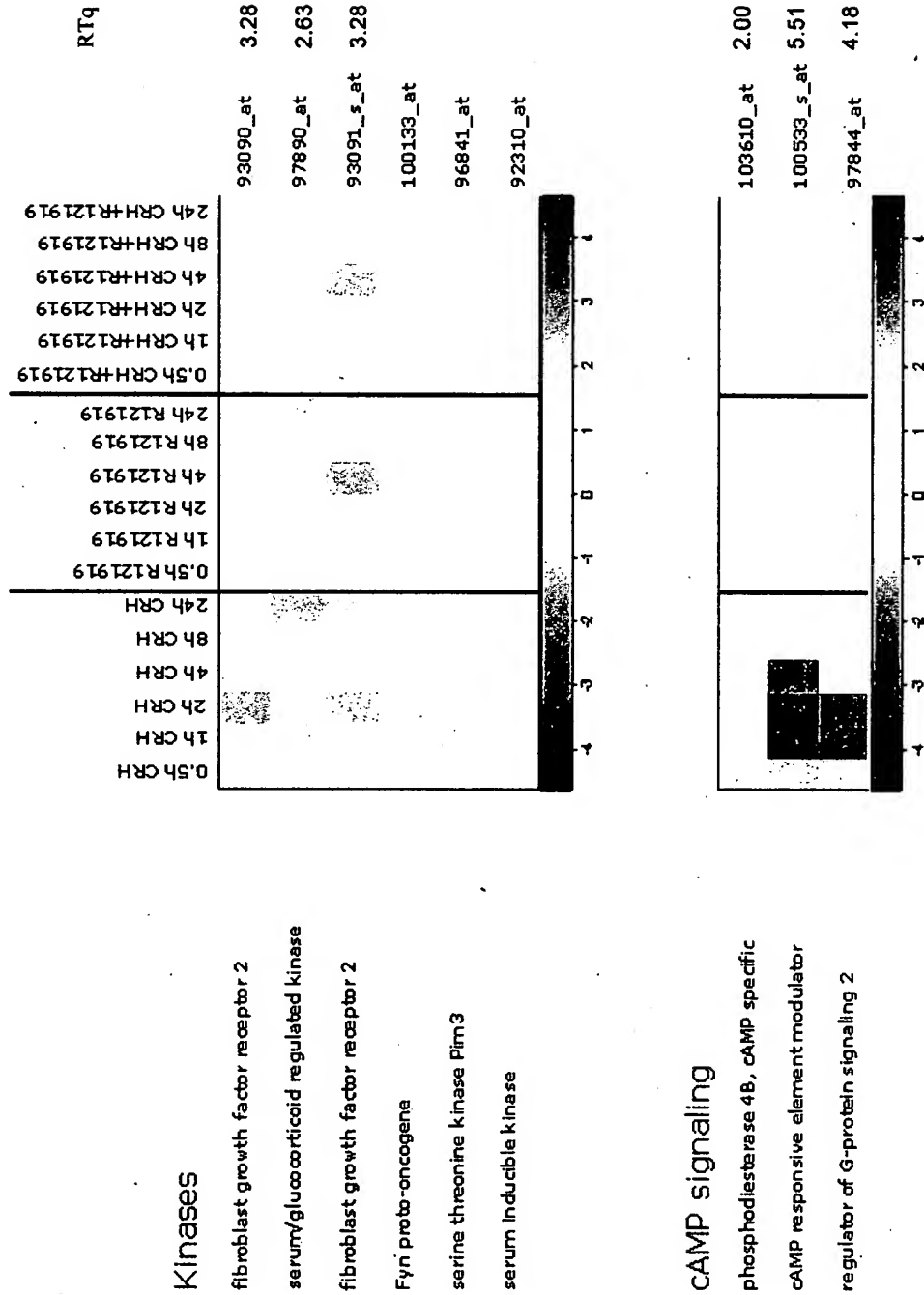


Fig.4 – continued

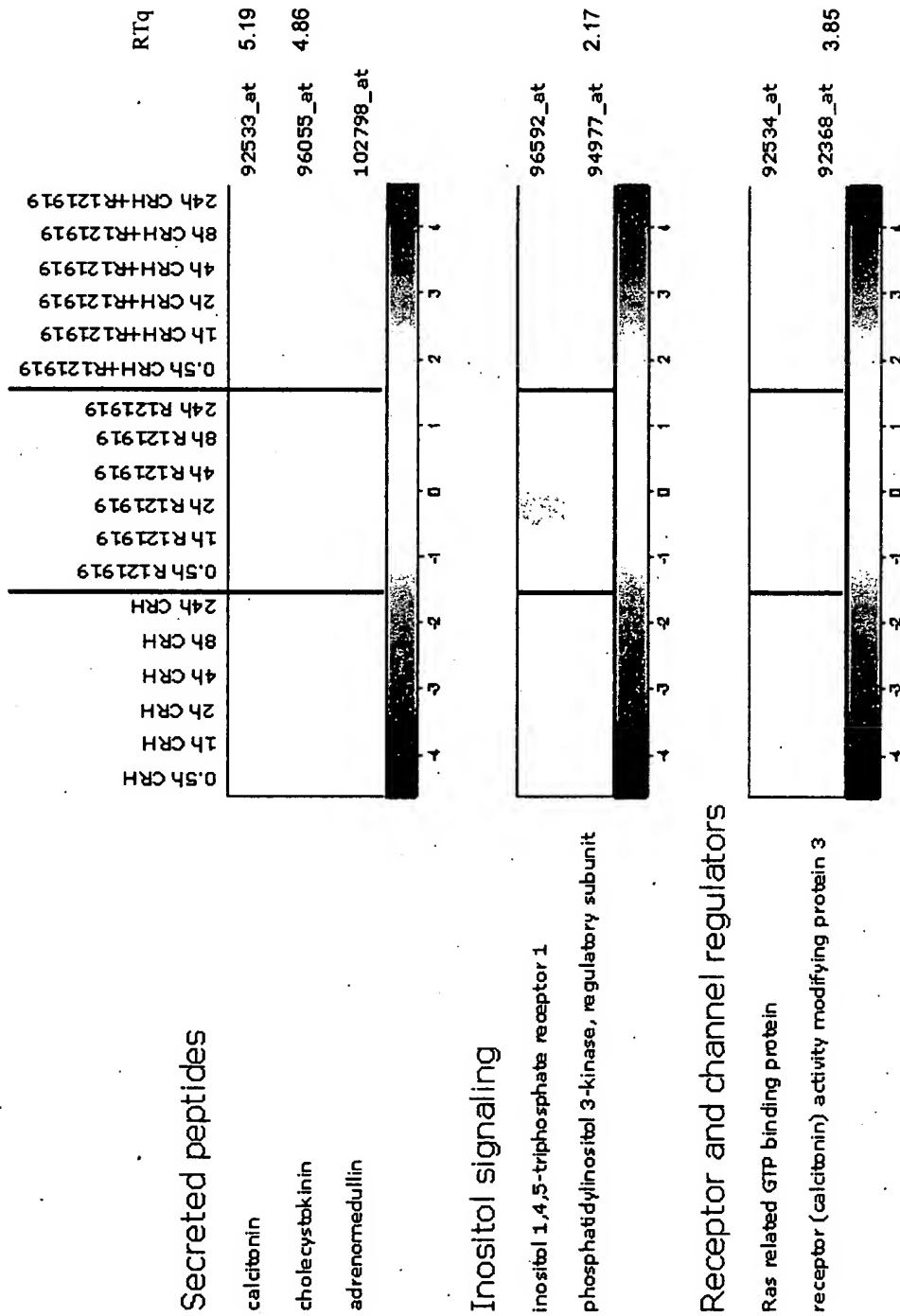


Fig. 4 – continued

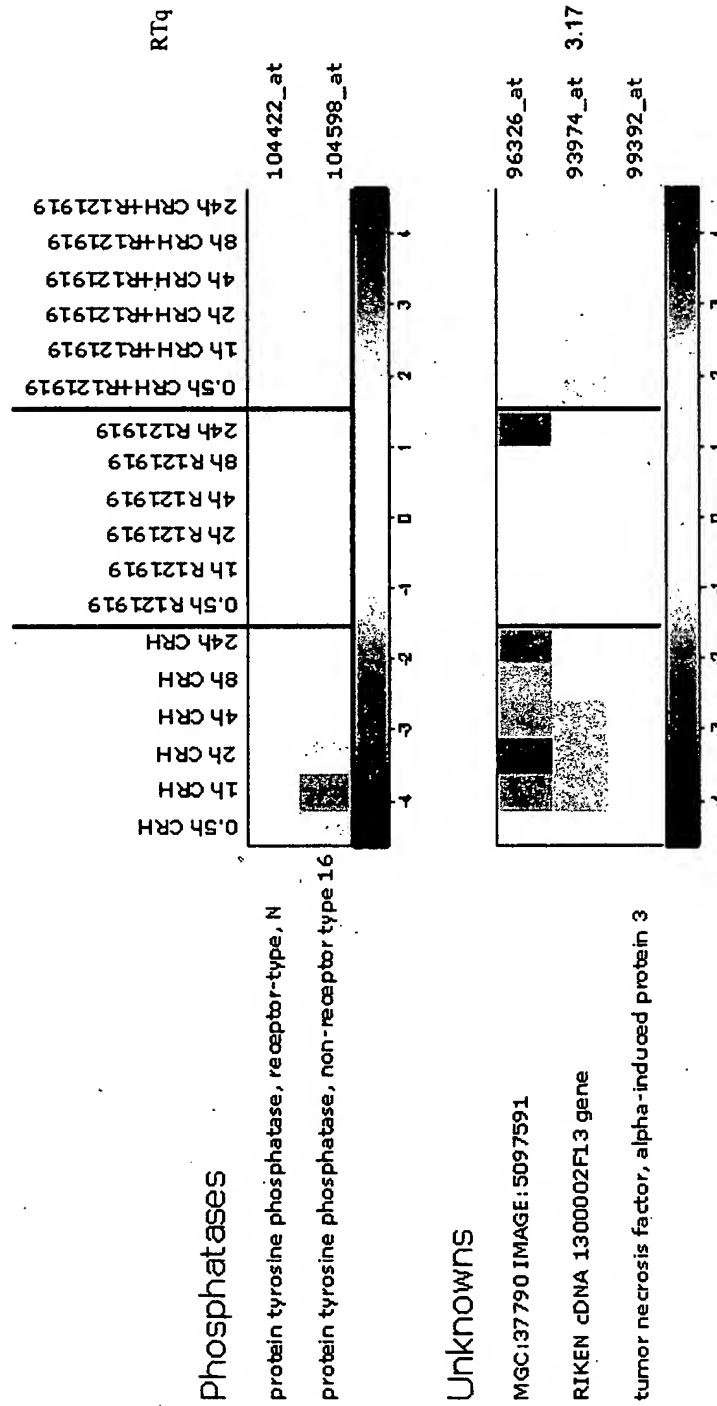


Fig. 5

